

Cannington School

ICT Strategic Plan 2010 – 2011

Background and Rationale

Cannington School is involved in a MoE funded ICTPD contract in 2009-11. The school wanted to improve its ICT capabilities for teachers and students. ICT was seen as an important tool to implement the NZC 2010.

It was seen that the current hardware would not meet the teaching and learning needs of the NZC 2010. The hardware has been updated to a certain extent, but there is still more work to be done on this.

Cannington is an isolated small rural school. Therefore, the use of e-learning was seen as a way that could meet the learning needs for now and the future.

Vision for the role of ICT within the school for teaching, learning and administration

We Can and We Do

We are developing confident and committed learners who positively contribute to society.

Cluster values and vision

Shared Vision

The shared vision of our cluster is to use the well established links that already exist between the South Canterbury schools to build a strong, collaborative, rural learning community. The majority of schools in the cluster are small and have teaching principals. We want to maximise the opportunities provided by ICT to alleviate the professional development isolation that teachers in such areas often feel and to ensure that our children are not disadvantaged as 21st Century learners because of where they live.

Establish a clear understanding of effective pedagogies and the role of e-learning in implementing the revised New Zealand curriculum. Apply teaching and learning strategies which involve e-learning that are consistent with guidance given in the New Zealand Curriculum.

Increase the confidence and capability of principals and teachers to integrate e-learning into classroom programmes to personalise and enhance learning.

Develop a strong professional learning community across the school in which principals and teachers are confident to share and collaborate.

Develop the school community's understanding of the educational contribution of e-learning.

We Can and We Do

We are developing confident and committed learners who positively contribute to society.

Strategic Goals 2010 – 2011

1. Integrate ICT to give effect to the New Zealand Curriculum / Te Marautanga o Aotearoa.

Goals	Success Indicators
1.1 Establish a clear understanding of effective pedagogies and the role of e-learning in implementing the revised New Zealand curriculum.	<ul style="list-style-type: none">The principal and teachers are engaging in professional reading and practicum that result in increased understanding of effective teaching and learning strategies.

1.2 Apply teaching and learning strategies which involve e-learning that are consistent with guidance given in the New Zealand Curriculum.	<ul style="list-style-type: none"> Teachers are planning and implementing teaching and learning strategies, involving e-learning, that are consistent with the school's vision as well as guidance provided by the New Zealand Curriculum.
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2. Increase the capability of the principal and teachers to improve students' learning and achievement through e-learning.

Goals	Success Indicators
2.1 Increase the confidence and capability of the principal and teachers to integrate e-learning into classroom programmes to personalise and enhance learning.	<ul style="list-style-type: none"> Feedback from teachers indicates that they are engaging willingly and confidently in ICT PD. Teachers are applying e-learning strategies within their classrooms that personalise and enhance learning. Teachers are providing evidence of having reflected on the ways in which e-learning can enhance learning. Teachers are showing greater confidence <u>and capability in their use of</u> ICT for planning, assessment and reporting. All teachers participate in analysing action research data, and act on the findings.
2.2 Gather data on teachers' attitudes, understanding and skills in integrating e-learning strategies to improve students' learning and achievement, identify next steps for professional development, and measure progress against the previous year's data.	<ul style="list-style-type: none"> Teachers have a clear understanding of their level and capability in integrating e-learning to improve student's learning and have identified their next steps for professional development.

3. Strengthen professional learning communities and increase collaboration in the school and with other schools.

Goals	Success Indicators
3.1 Continue to develop a strong professional learning community within the school and with other schools in which the principal and teachers are confident to share and collaborate.	<ul style="list-style-type: none"> The principals and teachers are contributing with confidence to sharing sessions within the school and with other schools. Online tools are being used successfully to share and collaborate. All teachers participate and are receptive to professional learning.

4. Increase e-learning leadership and ICT strategic planning capability of the principal and teachers.

Goals	Success Indicators
4.1 Build a strong distributed leadership model in each school for leading the integration of ICT within teaching and learning.	<ul style="list-style-type: none"> • Within the school the teachers and students are taking increasing responsibility for leadership with ICT. • The Principal and Lead Teacher have a greater role in building the leadership capacity of other teachers within the school.
4.2 A representative from the school will attend <u>the Learning@School</u> and/or ULearn conference on alternate years.	<ul style="list-style-type: none"> • <u>As a consequence of staff attending the conference(s)</u>, the school gains a better understanding of the educational benefits of e-learning.
4.3 Review and refine the school's ICT strategic plan and monitor its implementation.	<ul style="list-style-type: none"> • The ICT strategic plan has been reviewed and updated to ensure that it is meeting the school's needs, and is <u>being implemented</u>.
4.4 Provide opportunities for the principal and teachers to visit <u>effective practice</u> schools that can provide inspiration and challenges for enhancing their leadership skills and the vision needed to lead changes within the school.	<ul style="list-style-type: none"> • <u>The principal is leading changes in teaching practices within the school as a consequence of visits to other schools.</u> • <u>Teachers are implementing improvements within the school as a consequence of their visits to other schools.</u>

5. Increase the school community's understanding of the educational contribution of e-learning.

Goals	Success Indicators
5.1 Increase the community's understanding of the educational contribution of e-learning.	<ul style="list-style-type: none"> • <u>Where appropriate, communications with the community are showcasing examples of e-learning within the school and are providing opportunities for online feedback.</u> • Feedback from parents and others within the school's community is showing a greater awareness and understanding of the educational contribution of e-learning. • Parents attend ICT celebrations and evenings. • Parents are receptive to providing opportunities for their children to use ICT at home i.e. school laptops at home, internet access, use of school ICT outside class time.

6. Increase the physical ICT resources in the school to support students' learning and achievement.

Goals	Success Indicators
<p>6.1 Develop and implement a two year plan to progressively update and increase the school's physical ICT resources to support students' learning and achievement.</p> <p>6.2 Review the ICT resources plan annually to ensure that it is meeting current and future school needs.</p>	<ul style="list-style-type: none"> • The school has a workable, up-to-date plan that is being implemented effectively. • There is evidence that the ICT resources are helping to improve students' learning and achievement. <ul style="list-style-type: none"> • The ICT resources plan is reviewed annually and updated to reflect current knowledge of best practice.

Action Plan for 2010

(The following actions provide some examples to get you started. The plan is not complete. A review/reflection/audit of the school's current capabilities will assist in identifying the priorities for action in 2010 and to set realistic success indicators. Refer to the "ICT Review Rubric".)

GOALS Number	ACTIONS (What, How)	SUCCESS INDICATORS	PERSON(S) RESPONSIBLE (Who)	BUDGET	TIMEFRAME (When)
1. Integrate ICT to give effect to the New Zealand Curriculum / Te Marautanga o Aotearoa.					
1.1	All teachers engage in professional reading and attend practicum that provide them with skills to integrate thinking skills and ICT into the curriculum.	<ul style="list-style-type: none"> Curriculum documentation has increased references to developing thinking skills incorporating ICT. Teachers are increasingly aware of when and how to integrate ICT effectively to develop the key competencies. 	Teachers	Included in the school's contribution to the ICT PD cluster budget.	Ongoing throughout the year.
1.2	All teachers apply teaching and learning strategies that develop thinking skills and involve ICT.	<ul style="list-style-type: none"> Teachers are carrying out action research and sharing the outcomes of their students' learning with other teachers. 			
2. Increase the capability of the principal and teachers to improve students' learning and achievement through e-learning.					
2.1	Increase the range of ICT applications students use and in ways that lead to more independent and collaborative learning.	<ul style="list-style-type: none"> Increased range of ICT applications being used. Teachers are using ICT in ways that result in more independent and collaborative learning. 	Principal and Teachers	Included in the school's contribution to the ICT PD cluster budget.	Ongoing throughout the year.
2.2	Develop and apply rubrics to enable the principal and teachers to critically examine	<ul style="list-style-type: none"> Through the use of rubrics the principal and teachers are increasingly able to 			

2.2	<p>their existing practices in using ICT and to identify the next steps for their development.</p> <p>Implement an Action Research plan that enables all teachers to analyse and reflect on their progress in supporting students to develop their creativity, and capacity to take increasing responsibility for their learning.</p>	<ul style="list-style-type: none"> quantify growth in their own capabilities and those of their students. Teachers and students are showing increasing skill in being able to identify their steps for development. All teachers engage in Action Research that enables them to identify the progress students are making as creative thinkers and in becoming more responsible for their learning. 			
3. Strengthen professional learning communities and increase collaboration in the school and with other schools.					
3.1	All teachers share progress and outcomes of their action research at the cluster wide meetings at the end of terms 2 and 4.	<ul style="list-style-type: none"> All teachers gain new knowledge and skills from their action research and are able to share these with other teachers in the school and cluster. 	Principal Lead Teacher	Included in the school's contribution to the ICT PD cluster budget.	Cluster wide sharing sessions on 30 June and 2 December.
4. Increase e-learning leadership and ICT strategic planning capability of the principal and teachers.					
4.2	Send the principal and/or lead teacher to the Learning@School conference 2011 and on visits to other schools to observe effective leadership strategies in relation to ICT integration (e.g. "eTime onTour")	<ul style="list-style-type: none"> The principal and lead teacher are applying leadership strategies picked up by attending the Learning@School conference and school visits. 	Principal Lead Teacher	Registration and travel costs beyond those covered by the cluster funding.	L@S 2011 School visits, 2011
4.3	With the support of eTime, review and develop a two year ICT strategic plan that reflects the cluster vision and the school vision	<ul style="list-style-type: none"> The ICT strategic plan is completed, and consistent with the school's vision and cluster vision, and being implemented. 			End of term 1

5. Increase the school community's understanding of the educational contribution of e-learning.						
5.1	Develop and implement a plan for increasing the level of community awareness and understanding of how ICT is being used to improve student learning outcomes.	<ul style="list-style-type: none"> There is greater community awareness of the benefits of ICT for improving student learning being communicated by the school through celebrations of learning at school as well as online. 	Principal Lead Teacher	Website costs.	End of term celebrations. Ongoing website updates Term 3.	
6. Increase the physical ICT resources in the school to support students' learning and achievement.						
6.1	Develop a two-year costed upgrade plan. In 2011: <ul style="list-style-type: none"> install flat screen TV's in all classrooms; purchase 1 digital camera Investigate upgrading location of power points and network points lease a pod of 10 notepads Upgrade old noisy computers One Apple Mac desktop computer for the whole school for use with specific software. 	<ul style="list-style-type: none"> BOT approves the plan, which is workable. Items identified for purchase/lease are acquired. Evidence from teachers and students indicates that they are being well used. BOT can see the value of pod of laptops as opposed to desktops. Review completed and changes made to the plan if necessary. 	BOT Principal ICT leader Principal Principal	Obtain quotes	End of T1 End of T2 End of T4	
6.2	Review the upgrade plan at the end of 2011.					